

Submit One Copy To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 S. First St., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised November 3, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-005-60655
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Canyon E&P Company		6. State Oil & Gas Lease No.
3. Address of Operator 251 O'Connor Ridge Blvd, Irving, TX 75038		7. Lease Name or Unit Agreement Name O'Brien Fee 25
4. Well Location Unit Letter <u>H</u> : <u>2310</u> feet from the <u>N</u> line and <u>330</u> feet from the <u>E</u> line Section <u>25</u> Township <u>08S</u> Range <u>28E</u> NMPM _____ County <u>Chaves</u>		8. Well Number <u>005</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 269864
10. Pool name or Wildcat Twin Lake ; San Andres		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	

- ☒ All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
☒ Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
☒ A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. All INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.

- ☐ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
☐ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
☐ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
☐ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
☐ All other environmental concerns have been addressed as per OCD rules.
☐ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
☐ If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Ethan Wakefield TITLE Authorized Representative DATE 3/21/22
 TYPE OR PRINT NAME Ethan Wakefield E-MAIL: e.wakefield@dwsrigs.com PHONE (405) 343-7736
 For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 4/27/2023
 Released to Imaging: 4/27/2023 3:21:42 PM

Canyon E&P Company

Plug And Abandonment End Of Well Report

O'Brien Fee 25 #005

2310' FNL & 330' FEL, Section 25, 08S, 28E

Chaves County, NM / API 30-005-60655

Work Summary:

- 3/16/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 3/17/23** Arrived on location and held safety meeting. Prepared location using backhoe. Moved equipment onto location. R/U P&A rig. Worked stuck wellhead. ND WH, NU BOP, R/U floor. Secured and shut down well for the day.
- 3/18/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Prepped and tallied 2-3/8" work string. P/U 5.5" scraper. TIH to 2603'. TOOH. L/D scraper. P/U 5.5" CR. TIH and set at 2581'. Successfully circulated hole with 65 bbls, pumped 70 bbls total. Pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH to 2581' and logged well. POOH. TIH with tubing to 2581'. R/U cementing services. Pumped plug #1 from 2581' to 1879'. R/D cementers. L/D 23 joints. Reverse circulated at 1849'. R/U cementing services. Pumped weighted spacer from 1849' to 1537'. L/D 10 joints and TOOH. R/U wireline services. RIH and perforated at 1537'. POOH. R/D wireline. Attempted to establish an injection rate but was unsuccessful. TIH to 1590'. R/U cementing services. Pumped plug #2 from 1590' to approximately 1287'. R/D cementers. LD 10 joints and TOOH. WOC overnight. Secured and shut down well for the day.
- 3/19/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #2 at 1181'. Pumped mud/gel

spacer from 1181' to 893'. L/D 5 joints and TOOH. R/U wireline services. RIH and perforated at 893'. POOH. R/D wireline services. P/U 5.5" packer. TIH and set at 543', EOT at 607'. R/U cementing services. Pumped plug #3 from 893' to 607'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 595'. Pumped mud/gel spacer from 595' to 198'. L/D tubing. R/U wireline services. RIH and perforated at 198'. POOH. R/U cementing services. Attempted to circulate water into perforations at 198' but was unable to. Pumped plug #4 from 198' to surface. WOC overnight. Secured and shut down well for the day.

3/20/23 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Perforations at 198' took all cement from 3/19/23. Successfully pressure tested casing to 800 psi. R/U wireline services. RIH and perforated at 128'. POOH. R/U cementing services. Attempted to circulate water down 5.5" casing, into perforations at 128', and out BH valve but was unsuccessful. Perforation took all water. Continued pumping plug #4 into perforations at 128' with 36 sx. WOC 4 hours. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #4 into perforations at 128' with 36 sx. R/D cementers. WOC overnight. Secured and shut down well for the day.

3/21/23 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Attempted to pressure test casing but was unsuccessful. Perforations at 128' took all cement from 3/20/23. R/U cementing services. Continued pumping plug #4 into perforations at 128' with 36 sx. Added Celloflake to cement blend to mitigate losses. R/D cementers. WOC 4 hours. Attempted to pressure test casing but was unsuccessful, pumped 5 bbls at 7 bbls/min at 85 psi. P/U tubing and TIH to 257'. R/U cementing services. Continued pumping plug #4 from 257' to approximately 70'. R/D cementers. L/D tubing. WOC overnight. Secured and shut in well for the day.

3/22/23 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #1 at 60'. L/D tubing. R/U wireline services. RIH and perforated at 57'. R/D wireline. R/U cementing services. Successfully circulated water down 5.5" casing, into perforations at 57' and out BH valve at surface. Circulated with 3 bbls, pumped 5 bbls total. Continued pumping plug #1 down 5.5" casing, into perforations at 57' and out BH valve at surface. Pumped 24 sx total, 8 sx in 5.5" and 16 sx in 8.6". R/D cementing services. RD floor, ND BOP, NU WH. RD unit. MOL.

4/5/23 Arrived on location and held safety meeting. Used backhoe to safely expose wellhead. Set up welding unit on location. Set up water jet cutter on location. Performed wellhead cutoff with water jet cutter. Removed old wellhead. Tagged cement at 20' in 5.5" casing, cement was 2' low in 8.6". R/U cementing services and filled casing to surface with 5 sx. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,581'-1,879', 82 Sacks Type I/II Cement)

P/U 5.5" CR. TIH and set at 2581'. Successfully circulated hole with 65 bbls, pumped 70 bbls total. Pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH to 2581' and logged well. POOH. TIH with tubing to 2581'. R/U cementing services. Pumped plug #1 from 2581' to 1879'

Plug #2: (Queen Formation Top 1,590'-1,181', 53 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1537'. POOH. R/D wireline. Attempted to establish an injection rate but was unsuccessful. TIH to 1590'. R/U cementing services. Pumped plug #2 from 1590' to approximately 1287'. R/D cementers. LD 10 joints and TOOH. WOC overnight. TIH and tagged top of plug #2 at 1181'.

Plug #3: (Yates Formation Top, 893' to 595', 66 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 893'. POOH. R/D wireline services. P/U 5.5" packer. TIH and set at 543', EOT at 607'. R/U cementing services. Pumped plug #3 from 893' to 607'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 595'.

Plug #4: (Surface Casing Shoe, 198' to Surface', 189 Sacks Type I/II Cement (5 sx for top off))

R/U wireline services. RIH and perforated at 198'. POOH. R/U cementing services. Attempted to circulate water into perforations at 198' but was unable to. Pumped plug #4 from 198' to surface. WOC overnight. Perforations at 198' took all cement from 3/19/23. Successfully pressure tested casing to 800 psi. R/U wireline services. RIH and perforated at 128'. POOH. R/U cementing services. Attempted to circulate water down 5.5" casing, into perforations at

128', and out BH valve but was unsuccessful. Perforation took all water. Continued pumping plug #4 into perforations at 128' with 36 sx. WOC 4 hours. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #4 into perforations at 128' with 36 sx. R/D cementers. WOC overnight. TIH and tagged top of plug #1 at 60'. L/D tubing. R/U wireline services. RIH and perforated at 57'. R/D wireline. R/U cementing services. Successfully circulated water down 5.5" casing, into perforations at 57' and out BH valve at surface. Circulated with 3 bbls, pumped 5 bbls total. Continued pumping plug #1 down 5.5" casing, into perforations at 57' and out BH valve at surface. Pumped 24 sx total, 8 sx in 5.5" and 16 sx in 8.6". Performed wellhead cutoff with water jet cutter. Removed old wellhead. Tagged cement at 20' in 5.5" casing, cement was 2' low in 8.6". R/U cementing services and filled casing to surface with 5 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
O'Brien Fee 25 #005
API: 30-005-60655
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 148 ft
OH: 11"

Plug 4

198 feet - surface
198 foot plug
82 Sacks of Type I/II Cement

Plug 3

893 feet - 595 feet
301 foot plug
66 Sacks of Type I/II Cement

Plug 2

1590 feet - 1181 feet
409 foot plug
53 Sacks of Type I/II Cement

Plug 1

2581 feet - 1879 feet
702 foot plug
82 sacks of Type I/II Cement

Perforations

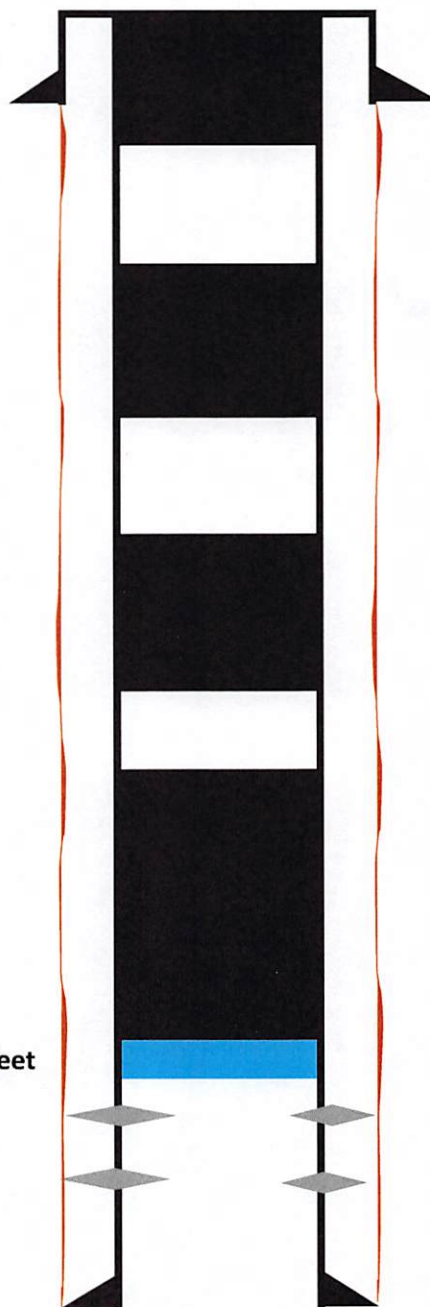
2680 feet - 2724 feet

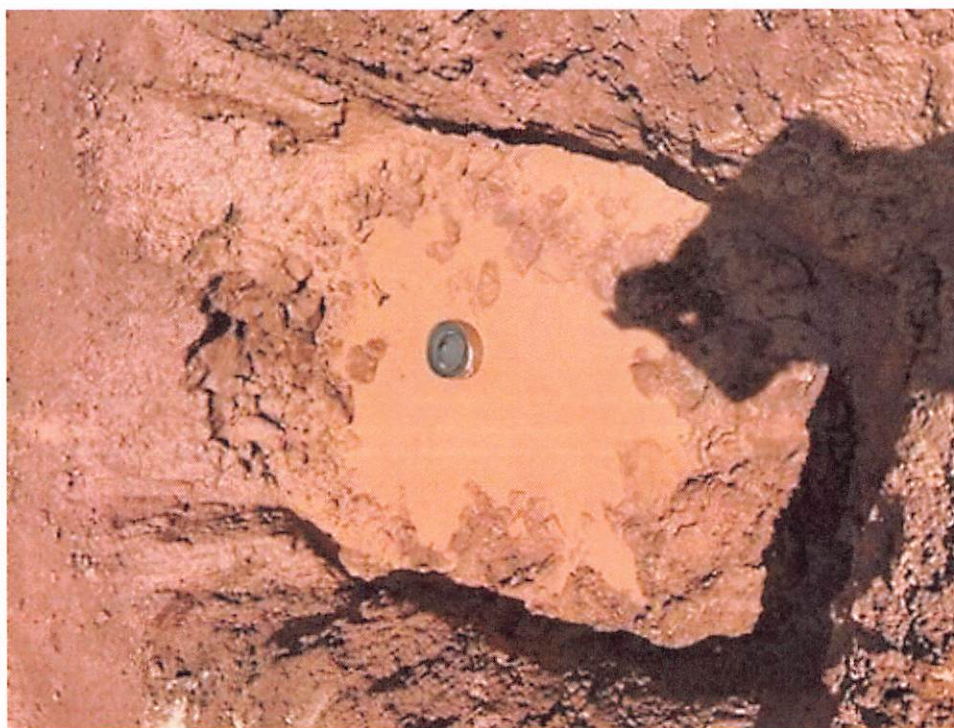
Formation

Yates - 843 feet
Queens - 1487 feet
San Andres - 1979 feet

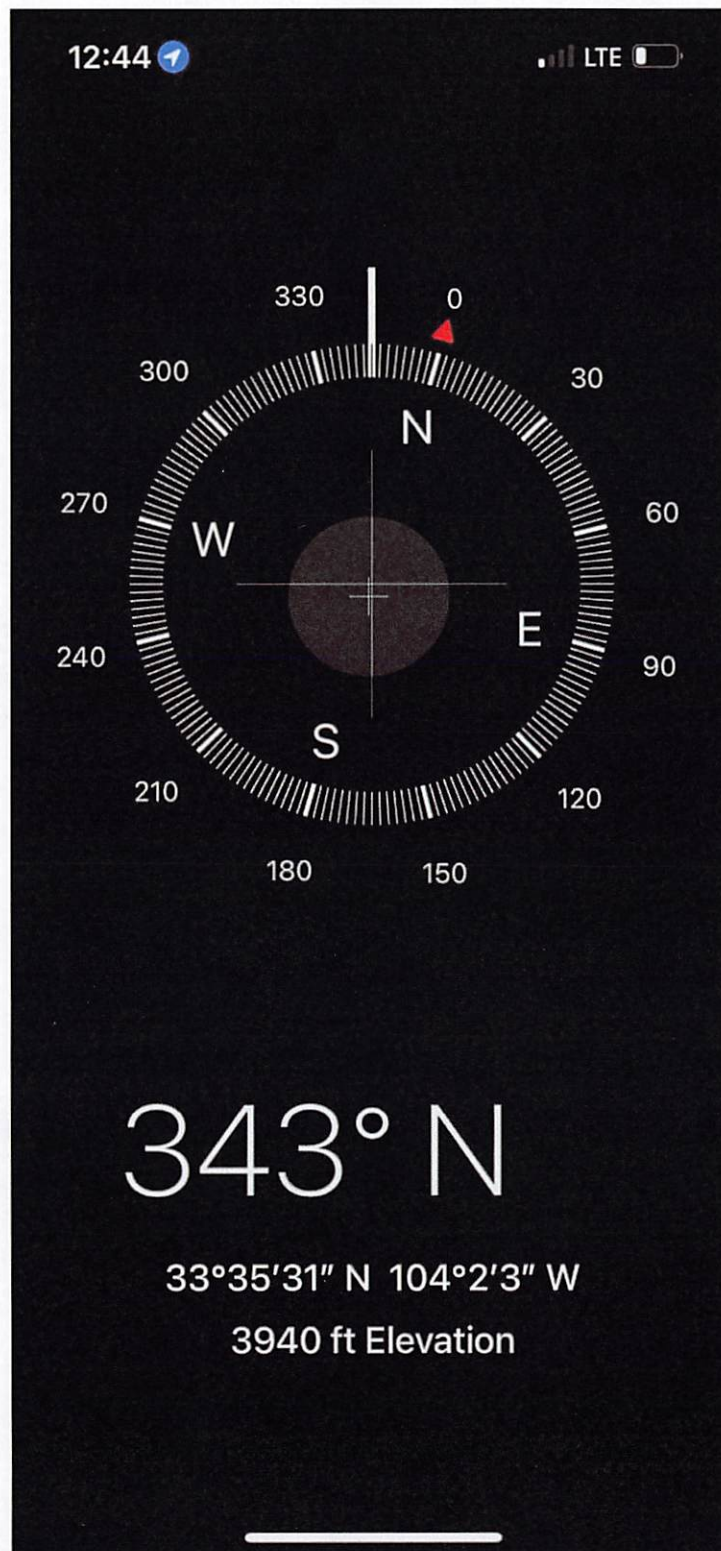
Retainer @ 2581 feet

Production Casing
5.5" 14# @ 2753 feet
OH: 7.875













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Santa Fe, NM 87505

CONDITIONS

Action 211407

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 211407
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	4/27/2023